



PTO/SB/08a/b (08-03)

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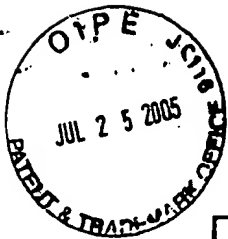
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/978,134-Conf. #4196
				Filing Date	October 15, 2001
				First Named Inventor	Bradford E. Gliner
				Art Unit	3762
				Examiner Name	R. D. Bradford
Sheet	1	of	2	Attorney Docket Number	337348021US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
E.B.		US-2003-0114886-A1	06-19-2003	Bruce Gluckman	
		US-2003-0187491-A1	10-02-2003	Greenberg et al.	
		US-20030125772-A1	05-04-2004	Olson et al.	
		US-20030176901-A1	09-18-2003	May	
		US-2004-0243205-A1	12-02-2004	Keravel et al.	
		US-20040236388-A1	11-25-2004	Gielen et al.	
		US-20050004620-A1	01-06-2005	Singhal et al.	
		US-20050015129-A1	01-20-2005	Mische	
		US-20050096701-A1	05-05-2005	Donovan et al.	
		US-20050113882-A1	05-26-2005	Cameron et al.	
		US-20050119712-A1	06-02-2005	Shafer	
		US-4,474,186	10-02-1984	Ledley et al.	
		US-5,121,754	06-16-1992	Mullett	
		US-5,299,569	04-05-1994	Wernicke et al.	
		US-5,406,957	04-18-1995	Tansey	
		US-5,522,864	06-04-1996	Wallace et al.	
		US-5,674,251	10-07-1997	Combs et al.	
		US-5,713,922	02-03-1998	GARY W. KING	
		US-5,772,591	06-30-1998	JEFFREY R. CRAM	
		US-6,006,124	12-21-1999	ROBERT E. FISCHHELL	
		US-6,035,236	03-07-2000	Jarding et al.	
		US-6,128,538	10-03-2000	ROBERT E. FISCHHELL	
		US-6,205,360	03-20-2001	Carter et al.	
		US-6,221,908	04-24-2001	MICHAEL P. KILGARD	
		US-6,301,493	10-09-2001	Marro et al.	
		US-6,339,725	01-15-2002	Naritoku et al.	
		US-6,375,666	04-23-2002	Mische	
		US-6,487,450	11-26-2002	Chen	
		US-6,505,075	01-07-2003	Weiner	
		US-6,507,755	01-14-2003	Gozani et al.	
		US-6,665,562-A1	12-16-2003	Gluckman et al.	
		US-6,764,498-A1	07-20-2004	Mische	
		US-6,782,292-A1	08-24-2004	Whitehurst	
R.D.		US-6,810,286-A1	10-26-2004	Donovan et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
E.B.		EP-1180056	09-02-2000	Winder	
E.B.		WO-02/38217	05-16-2002	Neuropace, Inc.	

Examiner Signature	R. Bradford	Date Considered	10/12/05
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Sheet	2	of	2	Attorney Docket Number	337348021US

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
R.B.		BEHRENS, T. et al., "Non-invasive mapping of connections between human thalamus and cortex using diffusion imaging," Nature neuroscience, Vol 6, No. 7, pp 750-757, July 2003		
		<del>Chapter 18/ The Functional Organization of Perception and Movement, pg 347</del>		
		<del>Color Picture of the Brain (1 pg) date unknown</del>		
R.B.		DI LAZZARO, V. et al., "Theta-burst repetitive transcranial magnetic stimulation suppress specific excitatory circuits in the human cortex," Physiology in Press; published online on April 21, 2005 as 10.1113/physiol.2005.087288		
R.B.		KILGARD, Michael et al., "Cortical Map Reorganization Enabled by Nucleus Basalis Activity," Science, Vol 279, pp 1714-1717, March 13, 1998		
R.B.		LAZAR, M. et al., "White Matter Tractography Using Diffusion Tensor Deflection," Human Brain Mapping, 18:306-321 (2003)		
		<del>Part IV/ The Neural Basis of Cognition, page 342</del>		
R.B.		STRENS, Lucy et al., "The Ipsilateral Human Motor Cortex Can Functionally Compensate for Acute Contralateral Motor Cortex Dysfunction," Current Biology, Vol 13, pp 1201-1205, July 15, 2003		
R.B.		TSUBOKAWA, T., "Chronic Motor Cortex Stimulation in Patients with Thalamic Pain," J. Neurosurg 78:393-401, March 1993		
R.B.		TUCH, D. et al., "Conductivity Tensor Mapping of the Human Brain Using Diffusion Tensor MRI," Neurobiology, Vol. 98, No. 20, pp. 11697-11701, September 25, 2001		

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